

# Application for Antenna Structure Registration (Form 854 attached)

## GENERAL INSTRUCTIONS

**NOTE:** This is not an application for authorization to build a radio facility or transmit from it. This FCC form is to be used for the purpose of registering structures used for wire or radio communication services within the United States, or to make changes to an existing registered structure, or to notify the Commission of the dismantlement of a structure. Registration with the Commission is required for any construction or alteration of an antenna structure which requires FAA notification as prescribed by the FAA in 14 CFR Part 77.17:

(1) Any construction or alteration of more than 60.96 meters (200 feet) in height above ground level at its site.

(2) Any construction or alteration of greater height than an imaginary surface extending outward and upward at one of the following slopes:

(a) 100 to 1 for a horizontal distance of 6.10 kilometers (20,000 feet) from the nearest point of the nearest runway of each airport as specified in paragraph 3 with its longest runway no more than 0.98 kilometers (3,200 feet) in actual length, excluding heliport and seaplane bases without specified boundaries.

(b) 50 to 1 for a horizontal distance of 3.05 kilometers (10,000 feet) from the nearest point of the nearest runway of each airport as specified in paragraph 3 with its longest runway no more than 0.98 kilometers (3,200 feet) in actual length, excluding heliport and seaplane bases without specified boundaries.

(c) 25 to 1 for a horizontal distance of 1.52 kilometers (5,000 feet) from the nearest point of the nearest landing and takeoff area of each heliport specified in paragraph 3.

(3) Any construction of an antenna structure (or any alteration of an antenna structure that would increase its height) on any of the following airports (including heliports):

(a) An airport that is available for public use and is listed in the Airport Directory or current Airman's Information Manual or in either the Alaska or Pacific Airman's Guide and Chart Supplement.

(b) An airport under construction, that is the subject of a notice or proposal on file with the Federal Aviation Administration, and except for military airports, it is clearly indicated that the airport will be available for public use.

(c) An airport that is operated by an armed forces of the United States.

(4) When requested by the FAA, any construction or alteration that would be in an instrument approach area (defined in the FAA standards governing instrument approach procedures) and available information indicates it might exceed an obstruction standard of the FAA.

Registration with the FCC is not required in the above circumstances if construction or alteration meets one of the following criteria as identified by the FAA in 14 CFR Part 77.15:

(1) Any object that would be shielded by existing structures of a permanent and substantial character or by natural terrain or topographic features of equal or greater height, and would be located in the congested area of a city, town or settlement where it is evident beyond all reasonable doubt that the structure so shielded will not adversely affect safety in air navigation.

(2) Any antenna structure of 6.10 meters (20 feet) or less in height except one that would increase the height of another antenna structure.

(3) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device, or meteorological device, of a type approved by the Administrator of the Federal Aviation Administration, the location and height of which is fixed by its functional purpose.

A separate FCC Form 854 must be filed for each antenna structure or each tower of an array. Mail application along with any requested document(s) to:

**Federal Communications Commission  
Support Services Branch  
1270 Fairfield Road  
Gettysburg, PA 17326-7245**

Detach and retain these instructions prior to mailing the completed form to the Commission. No fee is required to register an antenna structure.

## SPECIFIC INSTRUCTIONS

**ITEMS 1 - 3** - Enter the full legal name of the owner of the antenna structure. If owner is:

(1) an individual doing business in his/her own name, enter last name, first name, middle initial.

(2) an individual doing business under a firm or company name (sole proprietorship), enter both individual's name and the firm name. Doing business may be abbreviated as "dba".

(3) a partnership doing business under a firm or company name, enter the full name of the partnership.

(4) an unincorporated association, enter the name of the association.

(5) a corporation or governmental entity, enter the full legal name of the entity.

Enter the area code and daytime telephone number where the owner can be reached during normal business hours.

**ITEMS 4 - 8** - Enter the owner's United States mailing address. Indicate Post Office Box and Rural Route numbers where appropriate. Be sure to include ZIP Code. The address listed will be used to return the registration. Be sure to include the name of any person, office or division of the organization to whom it should be directed. In addition,

please provide an Internet address in Item 5B, if one is available, where you can receive mail from the Commission regarding this form.

### **ITEMS 9 - 12B**

**N** = New antenna structure. In Item 9, place an N in the brackets to indicate that this is an application to register a proposed antenna structure (structure which has not been built yet) and complete Items 13 through 32.

**R** = Existing Antenna Structure. In Item 9, place an R in the brackets to indicate that this is an application to register an antenna structure that already exists but has not been registered with the Commission. Enter the month, day, and year the antenna structure was completed in Item 10 and complete Items 13 through 32. If exact date of completion is unknown, month and year or year only may be provided.

**D** = Antenna Structure Dismantlement. In Item 9, place a D in the brackets to indicate that this is an application to notify the Commission that the antenna structure no longer exists. This could be the result of the owner dismantling the structure, natural disaster, erosion, etc. Enter the month, day and year the structure was dismantled or destroyed in Item 11, provide the seven digit registration number and issue date in Item 12A and complete Items 29 through 32.

(continued on reverse)

M = Modification of Registered Antenna Structure. In Item 9, place an M in the brackets to indicate that this is an application to change antenna structure information for a structure which has already been registered with the Commission. Enter the seven digit registration number and issue date of most current registration in Item 12A, enter the letter(s) that describes the type of change(s) desired in 12B and complete Items 13 through 32 as appropriate. For example, if you indicate:

C = Correction of coordinates, complete Items 13 through 18 and Items 23 through 32.

H = Increase/decrease overall height, complete Items 19 through 32.

L = Change existing obstruction marking and lighting, complete Items 23 through 32.

O = Change ownership information, complete Items 29 through 32.

CH = Correction of coordinates and Increase/decrease overall height, complete Items 13 through 32.

**English to Metric conversions** - The following English to Metric equivalents should be used to convert heights and distances, to the nearest tenth, where necessary:

1 foot = 0.3048 meters

1 mile = 1.6093 kilometers

**ITEMS 13 - 15** - Enter the requested information about the antenna structure location. If the location of the structure does not have a street address, describe the location in such a way that it can be located readily. For example, if the structure is on a mountain, give the name of the mountain; for structures at rural locations, indicate the route-numbers of the nearest highway/intersection and the distance and direction from the nearest town. (P. O. Boxes are not acceptable.)

Example: 1.3 km NNW of Erie, PA near Rt 66

Enter the city and state in which the antenna structure is actually located.

**ITEM 16** - The latitude and longitude of antenna structure locations in the United States must be referenced to either the North American Datum of 1927 (NAD 27) or 1983 (NAD 83). Topographical maps will indicate which datum is used. GPS receivers must be referenced to use either NAD 27 or NAD 83 to determine the location.

**ITEMS 17 - 18** - Enter the geographical coordinates for the antenna structure location in degrees, minutes and seconds, rounded to the appropriate significant figure for the locating method being used. These coordinates are an important part of the location description and must be identical to those shown on the structure's FAA Determination. **Do not estimate** what they might be. This information can be determined by using a Global Positioning System (GPS) receiver, a 7.5 minute topographical quadrangle map of the area, or through the services of a city or county surveyor in your area.

**ITEM 19** - Enter the type of supporting structure which the antenna is or will be mounted on (i.e. building, tower, tank, silo, building/tower, etc.). Refer to letter 'b' of the figures in Items 20-22.

**ITEM 20** - Enter in meters, the elevation above mean sea level of the ground at the antenna structure site. This information can be determined by using a GPS receiver, a 7.5 minute topographical quadrangle map of the area or through the services of a city or county surveyor in your area. Refer to letter 'a' of the figures in Items 20-22.

**ITEM 21** - Enter the height above ground in meters, to the highest point of the supporting structure only. For instance, if your antenna structure consists of a building/tower combination, include any elevator shaft, flag pole, or penthouse in the overall structure height, but not the antenna, tower, pole or mast. If your antenna structure is a tower only, include the height of the tower but not the antenna. Refer to letter 'b' in the figures in Items 20-22.

**ITEM 22** - Enter the overall height above ground in meters, of the entire antenna structure to the highest point, including any appurtenances. You must include antennas, dishes, obstruction lighting. Refer to letter 'c' in the figures in Items 20-22.

**ITEMS 23 - 27** - Enter Y if a copy of a valid FAA Determination is being submitted and indicate the FAA Study Number in Item 24. Enter N if a copy cannot be provided and provide as much information as possible in Items 24 through 27.

**NOTE: Do NOT submit this form for new proposals or alterations to existing structures until the FAA Determination is received.**

**ITEM 28** - This item must be answered, either Y or N. Answer Y if a Commission grant of this application may have a significant environmental impact as defined by 47 C.F.R. Section 1.1307(a). Briefly, Commission grant of an application may have a significant environmental impact if any of the following are proposed:

(1) A structure is to be located in sensitive areas (i.e. an officially designated wilderness area, a wildlife preserve area, a flood plain) or will physically or visually affect sites significant in American history.

(2) A structure whose construction will involve significant change in surface features.

(3) When antenna structure will be equipped with high intensity white lights and are to be located in residential neighborhoods.

If you answer Yes, submit the required Environmental Assessment (EA) along with this application. The EA should include: -----

A description of the facilities as well as supporting structures and appurtenances, and a description of the site as well as the surrounding area and uses. If high intensity lighting is proposed or utilized within a residential area, the EA must also address the impact of this lighting upon the residents.

A statement as to the zoning classification of the site, and communications with, or proceedings before and determinations (if any) made by zoning, planning, environmental or other local, state or federal authorities on matters relating to environmental effect.

A statement as to whether construction of the facilities has been a source of controversy on environmental grounds in the local community.

A discussion of environmental and other considerations which led to the selection of the particular site and, if relevant, the particular facility; the nature and extent of unavoidable adverse environmental effects, and any alternative sites or facilities which have been or might reasonably be considered.

Further details may be found in Sections 1.1308 and 1.1311 of the Commission's Rules.

**ITEMS 29 - 32** - To be acceptable for filing, applications must be signed in accordance with Section 1.913 of the Commissions Rules. Paper originals of applications must bear an original signature. Neither rubber-stamped nor photocopied signatures are acceptable.

# APPLICATION FOR ANTENNA STRUCTURE REGISTRATION

FCC USE ONLY

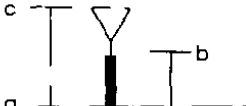

## ANTENNA STRUCTURE OWNERSHIP INFORMATION

1. Legal Name of Owner		2. Telephone Number (including Area Code)
3. Assumed Name for Doing Business (if any)		4. Attention
5A. Mailing Address (Number and Street)		5B. Internet Address
6. City	7. State	8. ZIP Code

## PURPOSE OF APPLICATION

9. Purpose of this filing ( )	
<input type="checkbox"/> <b>N</b> Registration for construction of a new antenna structure	<input type="checkbox"/> <b>R</b> Registration of an existing antenna structure
<input type="checkbox"/> <b>D</b> Notification of antenna structure dismantlement (structure no longer exists)	<input type="checkbox"/> <b>M</b> Modification of registered antenna structure
10. If Purpose is <b>R</b> , give date constructed. If altered since constructed, give the date alteration was completed.	11. If Purpose is <b>D</b> , give date dismantled
12A. If Purpose is <b>M</b> (Modification) or <b>D</b> (Dismantlement), provide FCC Registration Number: Issue Date (mm/dd/yy) of most current registration:	
12B. If Purpose is <b>M</b> (Modification), specify nature of modification(s) ( )	
<input type="checkbox"/> <b>C</b> Correction of coordinates	<input type="checkbox"/> <b>H</b> Increase/decrease overall height (AGL and/or AMSL)
<input type="checkbox"/> <b>L</b> Change existing obstruction marking & lighting requirements	<input type="checkbox"/> <b>O</b> Change ownership information (name, address, phone number)

## ANTENNA STRUCTURE

13. Address or geographic location		14. City	15. State
16. Indicate reference Datum of Coordinates ( ) NAD <u>27</u> NAD <u>83</u>	17. Latitude (Degrees, minutes, seconds)		18. Longitude (Degrees, minutes, seconds)
19. Indicate type of structure on which antenna will be mounted (i.e. pole, building, water tank, silo, tower, etc.)			
20. Elevation of site above mean sea level (refer to "a" in figures below)		_____ meters	
21. Overall height above ground of the supporting structure itself WITHOUT appurtenances (refer to "b" in figures below)		_____ meters	
22. Overall (highest) height above ground of antenna structure INCLUDING all appurtenances (antennas, dishes, lightning rods, obstruction lighting, etc.) (refer to "c" in figures below)		_____ meters	
			

## FAA NOTIFICATION

23. ( ) <input type="checkbox"/> <b>YES</b> Applicant is providing a copy of the FAA determination. Submit a clear copy and provide FAA Study Number in Item 24.			
23. ( ) <input type="checkbox"/> <b>NO</b> Applicant cannot provide a copy of the FAA determination. Provide as much information as possible in Items 24 through 27.			
24. FAA Study Number	25. FAA regional office notified	26. Date notification filed	27. FCC Painting/Lighting Paragraphs (Refer to FCC Forms 715/715A)

## ENVIRONMENTAL ASSESSMENT

28. ( ) <input type="checkbox"/> <b>YES</b>	Would a Commission grant of this application be an action which may have a significant environmental effect as defined by Section 1.1307(a) of the Commission's Rules? If "Yes", submit the statement as required by Sections 1.1308 and 1.1311.
28. ( ) <input type="checkbox"/> <b>NO</b>	

## CERTIFICATION BY OWNER OF ANTENNA STRUCTURE

Neither the applicant nor any other party to the application is subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. I hereby certify that I have reviewed the above information, that it is complete and accurate to the best of my knowledge.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(A)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).**

29. Typed name of person signing	30. Title of person signing
31. Signature	32. Date

**NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1995**

The solicitation of personal information requested in this form is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of this application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form, as well as the form itself, will be available for public inspection. If information requested on the form is not provided, processing of the application may be delayed or the application may be returned without action pursuant to Commission Rules. The foregoing notice is required by the Privacy Act of 1974, Public Law 93-579, December 31, 1974, 5 U.S.C. Section 552a(e)(3).

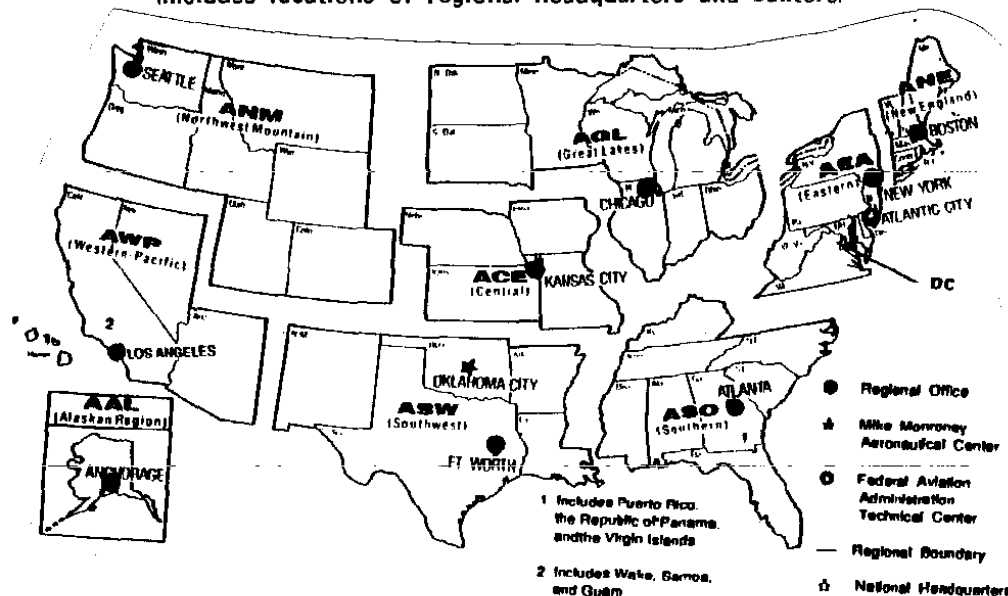
Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any other aspect of this collection of information, including suggestions for reducing the burden to Federal Communications Commission, Records Management Branch, AMD-IM, Washington, DC 20554, Paperwork Reduction Project (3060-0139) or via the Internet to [dconway@fcc.gov](mailto:dconway@fcc.gov). DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. Individuals are not required to respond to a collection of information unless it displays a currently valid OMB control number.

**HOW AND WHERE TO NOTIFY FAA**

Forward one completed set of FAA Form 7460-1 to the Chief, Air Traffic Division, Federal Aviation Administration, (Name of office - see below), for the office having jurisdiction over the area within which the proposed construction or alteration will be located. The geographic area of jurisdiction for each FAA office is indicated below:

**FAA REGIONAL BOUNDARIES**

(Includes locations of regional headquarters and centers)

**ADDRESSES OF THE FAA REGIONAL AREA OFFICES****AAL - ALASKAN REGION**

Alaskan Regional Office  
Air Traffic Div AAL-530  
222 W 7th Ave #14  
Anchorage AK 99513  
Phone: (907) 271-5893

**ANM - NORTHWEST MOUNTAIN REGION**

Northwest Mountain Regional Office  
Air Traffic Div ANM-530  
1801 Lind Ave SW  
Renton WA 98055-4056  
Phone: (206) 227-2530

**AGL - GREAT LAKES REGION**

Great Lakes Regional Office  
Air Traffic Div AGL-530  
2300 E Devon Ave  
Des Plaines IL 60018  
Phone: (708) 294-7459

**ACE - CENTRAL REGION**

Central Regional Office  
Air Traffic Div ACE-530  
601 E 12th St  
Kansas City MO 64106  
Phone: (816) 426-3408

**AEA - EASTERN REGION**

Eastern Regional Office  
Air Traffic Div AEA-530  
JFK International Airport  
Fitzgerald Federal Bldg  
Jamaica NY 11430  
Phone: (718) 553-1228

**ANE - NEW ENGLAND REGION**

New England Regional Office  
Air Traffic Div ANE-530  
12 New England Executive Park  
Burlington MA 01803  
Phone: (617) 238-7530

**AWP - WESTERN-PACIFIC REGION**

Western-Pacific Regional Office  
Air Traffic Div AWP-530  
15000 Aviation Blvd  
Hawthorne CA 90260  
Phone: (310) 725-6530

**Mailing Address:**

POB 92007  
World Postal Center  
Los Angeles CA 90009

**ASW - SOUTHWEST REGION**

Southwest Regional Office  
Air Traffic Div ASW-530  
2601 Meacham Blvd  
Fort Worth TX 76137-4298  
Phone: (817) 222-5534

**ASO - SOUTHERN REGION**

Southern Regional Office  
Air Traffic Div ASO-530  
1701 Columbia Ave  
College Park GA 30337  
Phone: (404) 305-5570

Mailing Address: --  
POB 20636  
Atlanta GA 30320